

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449IPTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/615,882
				Filing Date	2003-07-07
				First Named Inventor	PHILIP MICHAEL HAWKES
				Art Unit	2439
				Examiner Name	SIMITOSKI, MICHAEL J
Sheet	1	of	4	Attorney Docket No: 030441	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	001	US5778059	07-07-1998	LOGHMANI, et al.	
	002	US5164988	11-17-1992	MATYAS; Stephen M. et al.	
	003	US7069436	06-27-2006	AKACHI; Masateru.	
	004	US20020014159	02-07-2002	TATSUMI; Yasuo. et al.	
	005	US20020071558	06-13-2002	PATEL; Sarvar.	
	006	US20020076195	06-20-2002	NAKAJIMA; Yasuhisa. et al.	
	007	US20030217057	11-20-2003	KUROIWA; Minoru. et al.	
	008	US20050238315	10-27-2005	KATAOKA; Mitsuteru.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	009	KR200130725	04-16-2001	Telefonaktiebolaget Ericsson LM		<input checked="" type="checkbox"/>
	010	JP000513519	10-10-2000	Nokia Telecommunications OY		<input checked="" type="checkbox"/>
	011	JP11510668T	09-14-1999	ICO Services Ltd.		<input checked="" type="checkbox"/>
	012	JP2001136507A	05-18-2001	SONY CORP.		<input checked="" type="checkbox"/>
	013	JP2001177564A	06-29-2001	HITACHI LTD.		<input checked="" type="checkbox"/>
	014	JP2002064785A	02-28-2002	SONY CORP.		<input checked="" type="checkbox"/>
	015	JP2002232418A	08-16-2002	LUCENT TECHNOLOGIES		<input checked="" type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). * See Kinds Codes ofUSPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by theUSPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO			<i>Complete if Known</i> Application Number 10/615,882 Filing Date 2003-07-07 First Named Inventor PHILIP MICHAEL HAWKES Art Unit 2439 Examiner Name SIMITOSKI, MICHAEL J		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)					
Sheet	2	of	4	Attorney Docket No: 030441	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
				INC.		
	016	JP2002505458T	02-19-2002	Telefonaktiebolaget Ericsson LM		<input checked="" type="checkbox"/>
	017	JP2002521879T	07-16-2002	Canal Societe Anonyme		<input checked="" type="checkbox"/>
	018	JP2003099327A	04-04-2003	AKASE YOICHI.		<input checked="" type="checkbox"/>
	019	JP2003259284A	09-12-2003	TOSHIBA CORP.		<input checked="" type="checkbox"/>
	020	JP2003297015A	10-17-2003	TOSHIBA CORP.		<input checked="" type="checkbox"/>
	021	JP2003339000A	11-28-2003	NEC Corp.		<input checked="" type="checkbox"/>
	022	JP2004048718A	02-12-2004	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>
	023	JP5216411A	08-27-1993	IBM.		<input checked="" type="checkbox"/>
	024	WO9716890A2	05-09-1997	ERICSSON INC.		<input type="checkbox"/>
	025	WO0004718A1	01-27-2000	CANAL PLUS SA [FR]. et al.		<input type="checkbox"/>
	026	WO00072609A1	11-30-2000	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>
	027	WO2004025895A1	03-25-2004	ERICSSON TELEFON AB L M [SE]. et al.		<input type="checkbox"/>
	028	WO9944114A1	09-02-1999	ERICSSON TELEFON AB L M [SE].		<input type="checkbox"/>
	029	WO02080454A2	10-10-2002	QUALCOMM INC [US]		<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes ofUSPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by theUSPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/615,882	
		Filing Date	2003-07-07	
		First Named Inventor	PHILIP MICHAEL HAWKES	
		Art Unit	2439	
		Examiner Name	SIMITOSKI, MICHAEL J	
Sheet	3	of	4	Attorney Docket No: 030441

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	030	ASAKA et al., "Dynamic Multicast Routing Using Predetermined Path Search". Technical Report of IEICE (The Institute of Electronics, Information and Communication Engineers), SSE95-56 IN99-37 CS99-78, September 27, 1999.	
	031	TADAUMI, "IP Technology as Communication Infra," The Institute of Electronics Information and Communication Engineers, column 83, No. 4, April 2000, pages 286-294.	

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.